

PDR RID Report

Date Last Modified 7/6/95

Originator Lee, Lucia

Organization CSC/Langley DAAC

E Mail Address l.l.lee@larc.nasa.gov

Document PDR/305-CD-002-001

Phone No 804-864-7458

RID ID PDR 439

Review SDPS

Originator Ref LLL-Config-1

Priority 2

Section

Page

Figure Table

Category Name Segment-level

Actionee HAIS

Sub Category

Subject Gaggles of Configuration Files

Description of Problem or Suggestion:

It seems like every subsystem, CSCI, and CSC has an associated multitude of configuration files. For example, a short list for Planning is the Production Rules, Activation Rules, and PGE Profiles.

The issue of the creation, management, and maintenance of all of these files has not been addressed. Are there tools to assist in the process? How many of these files are there? Who creates them? Who maintains them? Who tracks dependencies? And so forth.....

Originator's Recommendation

GSFC Response by:

GSFC Response Date

HAIS Response by: Eisenstein

HAIS Schedule

HAIS R. E. R. Meyer

HAIS Response Date 6/28/95

Generally, configuration information will be stored as database data; where this is not practical (e.g., because of COTS requirements), configuration files may be used (our design will attempt to limit servers to a single configuration file on these occasions). For example, the information to which the RID refers (Production Rules, Activation Rules, PGE Profiles) is included among the data items which are candidates for management by a DBMS. As the detailed object design proceeds, the design team will identify all data in the design which is persistent (i.e., stored beyond the duration of an individual process) and develop a database design (or file design, as appropriate) for it. This includes configuration data.

The data design (including the number and specific kinds of configuration files) and its relationship to the software will be documented at CDR in DID 311, which is a configuration controlled document. Maintenance of configuration data (whether in a database or in configuration files) will be the responsibility of the DAAC operations staff. The design will include operator interfaces for that purpose.

Status Closed

Date Closed 7/6/95

Sponsor Szczur

Attachment if any
